

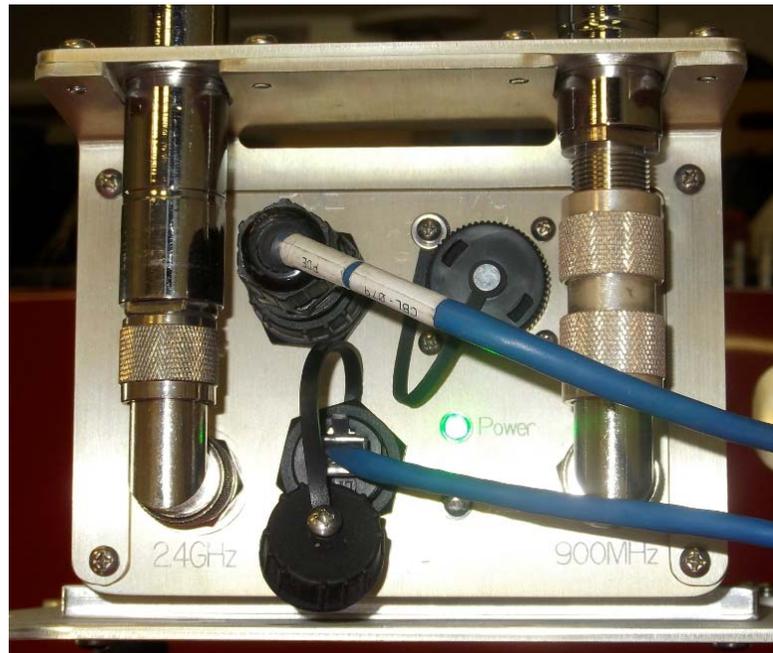
Troubleshooting: Vehicle Aetheric Radio Connections

Introduction

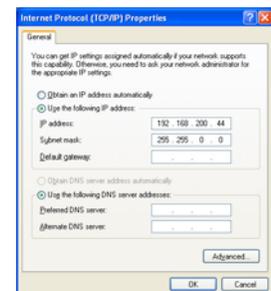
To troubleshoot radio issues, the first step is to connect the OCU directly to the vehicle's Pronto 4, and determine functionality.

Overview

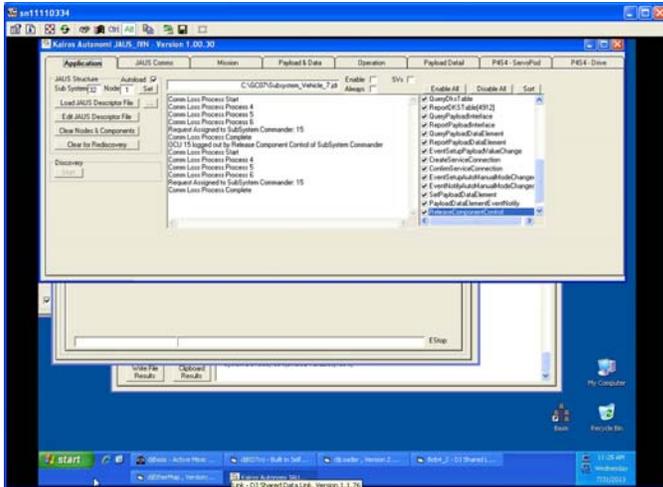
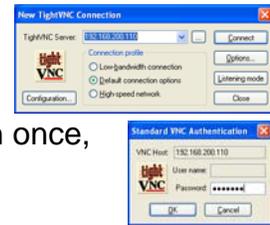
1. Boot the system as normal.
2. Verify there is a green LED illuminated on the vehicle's radio.
3. Connect one end of a standard Ethernet cable (not to exceed 100' long) to the vehicle rooftop radio's "Ethernet" port and the other end to an available OCU Ethernet port.



4. Record the IP address on the vehicle radio label.
5. Verify the OCU's Local Area Connection TCP/IP, Subnet mask setting is "255.255.0.0".
6. Verify the OCU's Local Area Connection TCP/IP, IP address is set to range specifications (refer to Operation Manual's Site-Specific Settings).



7. Using TightVNCViewer, log-in to the Pronto4, verify the Pronto4 IP address is correct: there is no username, and the password is “pronto4”. Click the “OK” button. If the authentication fails on the first attempt, repeat this step. If authentication fails more than once, repeat steps all previous steps. If authentication continues to fail, contact Kairos Autonomi.



8. Minimize the TightVNC Viewer window.
 9. On the OCU (i.e., not in the VNC window), restore or launch djBasis.
 10. Restore the range specific OCU interface software (i.e., Mobius or Shepherd).
 11. Log-in to the vehicle using standard procedures (refer to Operation Manual).
 12. Verify basic functionality, to include video, GPS coordinates, steer, brake, throttle, and shift.
- If basic functionality is NOT working, refer to your Operation Manual’s troubleshooting section.
 - If basic functionality is working, refer to the “Installation: Aetheric Radio” document.